

NEW SPECIES IN PHAEDRANASSA
AND EUCROSIA (AMARYLLIDACEAE)

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New species of Amaryllidaceae, namely *Phaedranassa cinerea*, *Ph. viridilutea*, and *Eucrosia peruviana*, are described. The former two belong in the flora of Ecuador.

PHAEDRANASSA CINEREA Ravenna, sp. nov.

Bulbus late ovatus ad 9-11 cm longus et 7-8 cm latus inferne radice crassis superne in pseudocollo 6-9 cm longo productus. Folia serotina post anthesin 2-3 cinereo-vidua utrinque pruinosa ad 45-51 cm longa et 7.5-10.5 mm lata; petioli erecto-patentes 15-16 cm longi inferne 9-11 mm lati in facie adaxiali subplani postice convexi, lamina oblanceolata patentia vel recurve patentia saepe undulata et plicatulo-nervosa acuta. Scapus teres glauco-vidis pruinosis ad 20-25 cm longus inferne leviter compressus circ. 9.7 mm latus ad apicem 5 mm latus. Spatha ad anthesin marcida valvis cartaceis lanceolatis ad basin liberis reflexis ad 33 mm longis. bractae interiores 25-10 mm longae. Inflorescentia usque 11-flora. Pedicelli graciles glauco-vidis teretifiliformes ad 27-30 mm longi. Flores declinati vel penduli. Ovarium ellipticum vel oblongo-ellipticum obtusotriquetrum cinereo-vidis pruinosis ad 7.7-8 mm longum circ. 3.5-3.8 mm latum. Perigonium leviter ventricosum circ. 31-35 mm longum. Perigonii tubus campanulatus vel poculiformis duis tertiis inferioribus viridibus deinde carmineo-roseus. Tepala anguste oblanceolata usque 20 mm carmineo-rosea ad apicem oblique patentia cinereo-vidua albo-roseo-marginata; exteriora usque 29 mm longa in tertio inferiori 4 mm lata apicem versus 3.7-3.8 mm lata apiculo 1.8 mm longo intus ad basin tuberculo piloso notato; interiora usque 27 mm longa ad apicem 4.8-5 mm lata marginum albo-roseum 1.3 mm latum. Filamenta filiformi-subulata, sepalinum superiore 27.5 mm longum, sepalina lateralina 28.5 mm longa, petalimum inferiore 31 mm longum, petalina lateralina 32 mm longa. Antherae ellipticae versatiles sordidae 2.5-2.8 mm longae; pollen lutescens. Stylus filiformis ad initium anthesis 32 mm longus dein 38 mm longus. Stigma capitatus.

COLLECTIONS. Ecuador, prov. Chimborazo, road Gral. Elizalde (Bucay)—Pallatanga, 32 km from Pallatanga, 650 m; Øllgaard & Balslev 9006, 29-VIII-1976 (AAU, Herb. Rav.). Culta in Santiago Chilae ex bulbis a Dre. Øllgaard in Aequatore collectis; Ravenna 3049, XI-1982 (Herb. Ravenna holotype, AAU isotype).

Distinguishable by its large, ash green leaves, which are markedly pruinose on both faces. The flowers are shorter than in *Ph. dubia*.

PHAEDRANASSA VIRIDILUTEA Ravenna, sp. nov.

Planta usque 71 cm alta. Bulbus ovatus 40-45 mm longus et 35-40 mm latus in pseudocollo circ. 9 cm longo productus. Folia ad anthesin nulla. Scapus pariter cylindraceus usque 66 cm longus ad basin 7-8 mm latus et apicem 5 mm latus. Valvae lanceolatae marcescentes 40-42 mm longae; bracteae interiores anguste lineari-lanceolatae 30-20 mm longae. Pedicelli filiformes 11-30 mm longi. Flores patentes vel declinati. Ovarium 3.5-6.5 mm longum et 2.5-2.8 mm latum. Perigonii tubus viridis 9-10 mm longum et 2.5 mm latus. Perigonium anguste campanulatum vel subtubulare. Tepala oblanceolata circ. 11-12 mm lutea caeterum viride, exteriora 21-23 mm longae et 3.5-3.8 mm lata apiculo 0.6-0.7 mm longo, interiora 22-24 mm longa et 6.5-7 mm lata obtusa vel subacuta. Filamenta lineari attenuata, sepalina 15-16.5 mm longa, petalina 12-13 mm longae. Antherae ellipticae versatiles 2.5-3 mm longae. Stylus filiformis 3.5-3.7 mm longus. Stigma minute capitatus.

COLLECTIONS. Ecuador, prov. Azuay, highway Cuenca-Cola de San Pablo, km 54, 2580 m; Jef D. Boeke 973, 14-II-1977 (Herb. Ravenna holotype, NY isotype).

A distinct species by virtue of its flower colour.

EUCROSIA PERUVIANA Ravenna, sp. nov.

Planta 15-26 cm alta. Bulbus ovatus circ 20 mm latus tunicis exterioribus fusco-ochraceis: pseudocollus brevis. Folia serotina oblanceolato-petiolata fusco-viridia 11-16 cm longa et 13-25 mm lata; petiolus 46 mm longus. Scapus teres gracilis 13-25 cm longus. Valvae lanceolatae 4-10 mm longae. Inflorescentia 3-8-flora. Pedicelli 5-20 mm longi. Ovarium late ellipticum vel ovatum obtuse triquetrum 3-4 mm longum et 2-2.5 mm latum. Perigonium bilabiate infundibulatum rubrum basin versus viride ad 16-22 mm longum et 12-17 mm in diametro horizontale et 16-24 mm in diametro verticali. Perigonii tubus viridis 3-4 mm longus. Tepala oblanceolata 14-17 mm longa extus ad apicem macula viridi; exteriora 4-5 mm lata apiculo 0.4-0.5 mm longo; interiora 5-7 mm lata obtusa vel subacuta. Filamenta fasciculato-declinata, sepalinum superius 50-60 mm longum, sepalina lateralia 54-65 mm longa, petalinum inferius 60-68 mm longum, petalina lateralia 65-70 mm longa. Antherae oblongo-reniformes luteae 2.5-3 mm longae. Stylus declinato-ascendens 65-80 mm longus. Stigma minute capitato-trilobatus.

COLLECTIOS. Peru, dept. Contumazá, prov. Guzmango, El Molino (Cascas-Contumazá; Sagástegui et al. 9338, 1-XI-1979 (TRP). Idem, Guzmango, 2500 m; López & Sagástegui, 5-X-1966 (TRP 6247). Idem, Cascas?, traído por un alumno; Sánchez-Vega 2790 (U. Tec. Cajamarca). Culta in Santiago ex bulbo in Cajamarca Peruviae collecto et a Dom. Sánchez-Vega donato; Ravenna 3070, XI-1983 (Herb. Ravenna, type).

Allied to *E. eucrosioides*, this species is separable by its more slender habit, narrower leaves, and a more regular perigone: the latter is green at the base, and uniformly red above.

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